

# Fractions in Real World (Addition and Subtraction)

Assignment

Math 5

**Part A:** Write ✓ before the statements that are true and ✗ if otherwise.

\_\_\_\_\_ 1.  $\frac{1}{9} + \frac{1}{4} = \frac{1}{2} - \frac{5}{36}$ .

\_\_\_\_\_ 2. If  $\frac{5}{12} + \bullet = \frac{1}{2}$ , then  $\bullet = \frac{1}{4}$ .

\_\_\_\_\_ 3. Given that  $\heartsuit = \frac{2}{5}$ , then  $\heartsuit + \frac{1}{10} + \frac{1}{5} = \frac{9}{10}$ .

\_\_\_\_\_ 4. Marian needs  $5\frac{9}{10}$  liters of paint to repaint her room. If her sister gave her  $2\frac{7}{10}$  liters of paint, she only needs  $3\frac{2}{10}$  liters more.

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**Part B:** Find the value of the symbols given below:

1.

$$\heartsuit + \frac{2}{5} = \frac{7}{10}$$

$$\heartsuit =$$

3.

$$\blacklozenge + \frac{1}{3} + \frac{2}{5} = \frac{9}{10}$$

$$\blacklozenge =$$

2.

$$\star - \frac{3}{4} = \frac{1}{12}$$

$$\star =$$

4.

$$\smiley + \frac{1}{14} + \frac{1}{7} = \frac{9}{14}$$

$$\smiley =$$

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**Part C:** Solve the following problems using your knowledge in adding and subtracting fractions.

1. Rachel bought  $12\frac{3}{4}$  kilogram of beef for their food truck business.

Monica used  $3\frac{1}{8}$  kilograms for the tacos and  $4\frac{1}{4}$  kilograms for patties. How many kilograms of meat are left?

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2. Matilda has  $6\frac{4}{5}$  yards of washi tapes for her planner. She used  $3\frac{1}{10}$  yards and gave some to her sister. If she now has  $2\frac{3}{20}$  yards of washi tape, how long did she give her sister?